



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Garssen et al.

Serial No.: 09/913,345

Filed: August 10, 2001

For: PRION TEST

Confirmation No.: 8607

Examiner: To be assigned

Group Art Unit: 1743

Attorney Docket No.: 2183-5034US

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PATENT P#)
TC 1700 P#)

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February 12, 2003
Date



Signature

Betty Vowles
Name (Type Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.



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U.S. Patent Documents

U.S. Patent No.

US - 4,806,627

US - 6,150,172

Publication Date

02-21-1989

11-21-2000

Patentee

Wisniewski et al.

Schmerr et al.

Foreign Patent Documents

Document No.

WO 93/23432

WO 99/19360

Publication Date

11-25-1993

04-22-1999

Patentee

New York University

The United States of America

Other Documents

BELT et al., Identification of the five allelic variants of the sheep PrP gene and their association with natural scrapie, Journal of General Virology, 1995, pp. 1-10.

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HENRI et al., Recherche d'un temoin biochimique urinaire de l'infection du mouton par la tremblante, Bulletin de L'academie Veterinaire de France, pp. 139-45.

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MOHRI et al., Immunodetection of a disease specific Pfp fraction in scrapie-affected sheep and BSE-affected cattle, Veterinary Record, 1992, pp. 537-39, Vol. 131.

MURAMATSU et al. "Detection of PrP^{Sc} in sheep at the preclinical stage of scrapie and its significance for diagnosis of insidious infection," Arch Virol, 134, pp. 427-32, 1993.

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SCHREUDER, Animal Spongiform Encephalopathies - An Update, Part I. Scrapie and Lesser Known Animal Spongiform Encephalopathies, Veterinary Quarterly, October 1994, pp. 174-81, Vol. 16, No. 3.

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SCHREUDER et al., "Tonsillar biopsy and PrP^{Sc} detection in the pre-clinical diagnosis of scrapie," Papers and Articles, pp. 1-9, April 15, 1998.

SHINAGAWA et al. "Immunoreactivity of a Synthetic Pentadecapeptide Corresponding to the N-Terminal Region of the Scrapie Prion Protein," J. gen Virol. 67, pp. 1745-50, 1986.

VAN KEULEN et al.. Immunohistochemical Detection and Localization of Prion Protein in Brain Tissue of Sheep with Natural Scrapie, Vet Pathol, 1995, pp. 299-308, Vol. 32.

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56 & 1.175, Applicants hereby identify the following listed copending applications naming the same inventor(s):

Attorney Docket No.: 2183-3809.1US

Serial No.: 09/155,794

Filing Date: 5/20/1999

Title: METHOD FOR THE DETECTION OF PRION DISEASES

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application.

Respectfully submitted,



Allen C. Turner

Registration No. 33,041

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Date: January 24, 2003

ACT/bv

Enclosures: Form PTO-1449 or PTO/SB/08

Copy of documents cited

Document in ProLaw



PTO SB 08A (10-01)

Approved for use through 10-31-2002, OMB 0651-0031

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Complete if Known

Application Number	09-913,345
Filing Date	August 10, 2001
First Named Inventor	Garssen et al.
Group Art Unit	1743
Examiner Name	To be assigned
Attorney Docket Number	2183-5034US

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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¹ Applicant's unique citation designation number (optional) ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible ⁶ Applicant is to place a check mark here if English language Translation is attached

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Attorney Docket Number	2183-5034US

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published	T ²
		BELT et al., Identification of the five allelic variants of the sheep PrP gene and their association with natural scrapie. <i>Journal of General Virology</i> . 1995, pp. 1-10.	
		BROWN, Can Creutzfeldt-Jakob disease be transmitted by transfusion? 1995, pp. 472-77, Rapid Science Publishers.	
		DIRINGER et al., Scrapie infectivity, fibrils and low molecular weight protein. <i>Nature</i> . December 1983, 476-78, Macmillan Journals Ltd.	
		DOI et al., "Western Blot Detection of Scrapie-associated Fibril Protein in Tissues outside the Central Nervous System from Preclinical Scrapie-infected Mice." <i>J. gen. Virol.</i> 69, pp. 955-960, 1988.	
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		FRASER, Murine Scrapie Strains, BSE Models and Genetics. <i>Sub-acute Spongiform Encephalopathies</i> , pp. 131-36, the Netherlands.	
		FRASER et al., Studies of the Lymphoreticular System in the Pathogenesis of Scrapie: The Role of Spleen and Thymus. <i>J Comp Path</i> , 1978, pp. 563-73, Vol. 88.	
		HADLOW et al., Natural Infection of Suffolk Sheep with Scrapie Virus. <i>The Journal of Infectious Diseases</i> , November 1982, pp. 657-64.	
		HADLOW et al., "Virologic and Neurohistologic Findings in Dairy Goats Affected with Natural Scrapie." <i>Vet. Pathol.</i> 17, pp. 187-199, 1980.	
		HENRI et al., Recherche d'un témoin biochimique urinaire de l'infection du mouton par la tremblante. <i>Bulletin de l'académie Vétérinaire de France</i> , pp. 139-45.	
		HILMERT et al., A rapid and efficient method to enrich SAF-protein from scrapie brains of hamsters. <i>Bioscience Reports</i> , 1984, pp. 165-70, Vol. 4.	
		IKEGAMI et al. "Pre-clinical and clinical diagnosis of scrapie by detection of PrP protein in tissues of sheep." <i>The Veterinary Record</i> , pp. 271-75, March 23, 1991	
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		MOHRI et al., Immunodetection of a disease specific PrP fraction in scrapie-affected sheep and BSE-affected cattle. <i>Veterinary Record</i> , 1992, pp. 537-39, Vol. 131.	

Examiner Signature	Date Considered
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Attorney Docket Number	2183-5034US

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		MURAMATSU et al. "Detection of PrP ^{Sc} in sheep at the preclinical stage of scrapie and its significance for diagnosis of insidious infection." <i>Arch Virol</i> , 134, pp. 427-32, 1993.
		MURAMOTO et al., Accumulation of Abnormal Prion Protein in Mice Infected with Creutzfeldt-Jakob Disease via Intraperitoneal Route: A Sequential Study. <i>American Journal of Pathology</i> , November 1993, pp. 1470-79, Vol. 143, No. 5.
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		O'ROURKE et al. "Preclinical detection of PrP ^{Sc} in nictitating membrane lymphoid tissue of sheep." <i>The Veterinary Record</i> , pp. 489-91, May 2, 1998.
		SCHREUDER, Animal Spongiform Encephalopathies - An Update, Part I. Scrapie and Lesser Known Animal Spongiform Encephalopathies, <i>Veterinary Quarterly</i> , October 1994, pp. 174-81, Vol. 16, No. 3.
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		SCHREUDER et al., "Tonsillar biopsy and PrP ^{Sc} detection in the pre-clinical diagnosis of scrapie." <i>Papers and Articles</i> , pp. 1-9, April 15, 1998.
		SHINAGAWA et al. "Immunoreactivity of a Synthetic Pentadecapeptide Corresponding to the N-Terminal Region of the Scrapie Prion Protein." <i>J. gen Virol</i> , 67, pp. 1745-50, 1986.
		VAN KEULEN et al., Immunohistochemical Detection and Localization of Prion Protein in Brain Tissue of Sheep with Natural Scrapie, <i>Vet Pathol</i> , 1995, pp. 299-308, Vol. 32.

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